

me. The egg is noctuid and the larva a true semi-looping noctuid in primitive first stage, the single setae stiff, bulbous at tip, perfectly normal and the subprimaries absent. The larva is excluded from both Arctians and Lithosians by the bulbous setae, as Dr. Packard has shown that no Arctian has glandular hairs. Further the thoracic tubercles remove it from the Lithosians. Again the shortening of the first two pair of abdominal feet never occurs in the Arctian phylum, but is characteristic of the semilooping Noctuids.

It seems evident that the Cydosiinae are Noctuids, the character of vein 8 of secondaries being here deceptive, but paralleled in some species of Acontia in the Noctuidae, as I have had occasion to notice.

Harrison G. Dyar.

#### NOTES ON UNUSUAL FOOD PLANTS, ETC.

THIS autumn Miss Eliot and I found in Nonquitt, Mass., six larvae of *Smerinthus*

*astylus* on *Andromeda ligustrina*. We had never been able to make them eat anything except *Vaccinium corymbosum* and *Gaylussacia frondosa*. We found also *Samia cecropia* on *Gaylussacia frondosa*; *Eucles imperialis* on *Prunus serotina*; *Smerinthus myops* on birch, willow, and poplar; *Datana drexellii* on *Hamamelis*; *S. gordius* on *Andromeda ligustrina*; *S. excocatus* on *Spiraea salicifolia*; *H. io* on *Trifolium repens*; *E. chœrilus* on *Kalmia angustifolia*.

We found one larva of *Smerinthus myops* having the spots of a clear mauve color instead of red or brown; and a larva of *H. thisbe* all red except the dorsal area and first segment.

We found on elder a large sphinx larva of a chocolate brown with obliques and face lines of paler brown, like *S. chersis* except in color. This had been hurt in some way and died.

Caroline G. Soule.

187 Walnut St., Brookline, Mass.

October 2, 1897.

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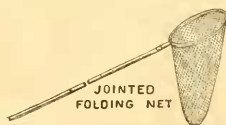
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